

AMENDMENTS TO THE CLAIMS**In the Claims:**

1. (Currently Amended) A conjugate of formula



wherein the metal chelating agent has 4 to 8 metal donor atoms covalently linked together by a non-coordinating backbone in either an open chain or macrocyclic arrangement or combinations thereof, and the $-(Y)_m - A - \text{NHR}$ substituent is attached at either the non-coordinating backbone or a metal donor atom of the chelating agent

where:

k is a natural number;

Y is the same or different at different locations within the molecule and is independently chosen from: an A group, a C₄₋₈ cycloheteroalkylene group, a C₄₋₈ cycloalkylene group, a C₅₋₁₂ arylene group, a C₃₋₁₂ heteroarylene group, or a polyalkyleneglycol, polyactic acid or polyglycolic acid moiety,

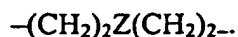
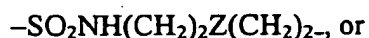
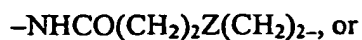
m is an integer of value 0-20,

A is a 3-10 atom chain of units selected from $-\text{CR}_2-$, $-\text{CR}=\text{CR}-$, $-\text{C}\equiv\text{C}-$, $-\text{NRCO}-$, $-\text{CONR}-$, $-\text{SO}_2\text{NR}-$, $-\text{NRSO}_2-$, or $-\text{CR}_2\text{ZCR}_2-$ where Z is $-\text{CH}_2-$, O, S, Se or $-\text{NR}-$,

R is the same or different at different locations within the molecule and is independently chosen from H, C₁₋₄ alkyl, C₁₋₄ alkenyl, C₁₋₄ alkynyl, C₁₋₄ alkoxyalkyl or C₁₋₄ hydroxyalkyl,

with the proviso that the metal ~~complexing~~ chelating agent does not also have attached thereto a hypoxia localising moiety.

2. (Previously Presented) The conjugate of claim 1, wherein A is



3. (Previously Presented) The conjugate of claim 1, wherein Z is CH_2 .

4. (Previously Presented) The conjugate of claim 1, wherein the at least one substituent has the formula



5. (Previously Presented) The conjugate of claim 1, wherein the substituent has the formula



where b is an integer of value 0 to 19 and Ar is an arylene or heteroarylene group.

6. (Cancelled) The conjugate of claim 1, wherein the metal complexing agent is a metal chelating agent.

- ⁶/₇. (Currently Amended) The conjugate of claim 6 1, wherein the metal chelating agent is a diaminedioxime.

- ⁷/₈. (Previously Presented) A metal complex of one or more radiometal or paramagnetic metal ions with the conjugate of claim 1.

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9. (Original) The metal complex of claim ⁷8, wherein the radiometal is ^{99m}Tc,
¹¹¹In or ⁶⁷Ga.

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10. (Previously Presented) The metal complex of claim ⁷8 for use in the
diagnosis or therapy of thrombosis, embolism, atherosclerosis, inflammation or cancer.

¹⁰
11. (Previously Presented) A kit for the preparation of the metal complex of
⁷
claim 8.

¹¹
12. (Previously Presented) A vessel containing a unit dose for human
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administration of the metal complex of claim 8.

¹²
13. (Previously Presented) A method of preparing a composition for use in
the diagnosis or therapy of thrombosis, atherosclerosis, inflammation or cancer, which
method comprises bringing the metal complex of claim ⁷8 into a form suitable for human
administration.